emerson Research™

Multi-Media Audio System with Digital Tuner, CD-R/RW MP3 Player, SD/MMC Flash Memory Card Reader and USB Port

OWNER'S MANUAL

ES299

Visit our web site at www.emersonradio.com
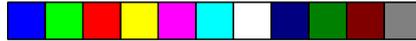
CAUTION

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

1.) Read these instructions.
2.) Keep these instructions.
3.) Heed all warnings.
4.) Follow all instructions.
5.) Do not use this apparatus near water.
6.) Clean only with dry cloth.
7.) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8.) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9.) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10.) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11.) Only use attachments / accessories specified by the manufacturer.
12.) Unplug this apparatus during lightning storms or when unused for long periods of time.
13.) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14.) This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.
15.) Do not overload wall outlet. Use only power source as indicated.
16.) Use replacement parts as specified by the manufacturer.
17.) The product may be mounted to a wall only if recommended by the manufacturer.
18.) Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.

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Thank You………………

for purchasing the Emerson Research Multi-Media Audio System. This is the world's first compact audio system to include a card slot for SD/MMC flash memory cards. This allows you to play the MP3 music files which you have stored on SD or MMC flash memory cards. Simply remove the card from your solid state MP3 player and insert it into the convenient front panel card reader slot. Now you can enjoy your MP3 files through the speakers of this system instead of using headphones, which means you can share the music with all your friends.

We've also included a convenient USB port on the front panel as well. This allows you to connect and play MP3 music files stored on portable USB storage devices.

Of course the built in CD player also plays CD-R, CD-RW, and MP3 encoded CDs in addition to normal pre-recorded CDs. And the digital tuner will store up to 40 of your favorite stations (30 FM / 10 AM) for easy and immediate recall.

Finally, all functions of this system can be operated from the comfort of your favorite chair with the ultra-slim 22-key remote control.

Please be sure to read this manual carefully and completely to make sure you understand all of the exciting features and functions included in your new system. We have taken great care to make sure that this system was in perfect working order when it left our factory. If you experience any problem with the set-up or operation of this system please do not return it to the dealer. Please call the Emerson Customer Service Hotline. toll-free, at 800-898-9020. One of our representatives will try to diagnose and correct the problem for you. If that is not possible you will be advised how to obtain a replacement.

Once again, all of us at Emerson Research thank you for your purchase.

2
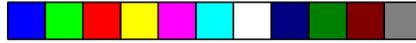
IMPORTANT NOTES

- Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliances such as electric heaters, on top of other stereo equipment that radiates too much heat, places lacking ventilation or dusty areas, places subject to constant vibration and/or humid or moist areas.

- Do not attempt to clean this unit with chemical solvents as this might damage the finish. Use a clean dry cloth.

- Operate controls and switches as described in the manual.

- Before turning 'On' the power, make certain that power cord is properly installed.

- Store your CDs, Memory Cards in a cool area to avoid damage from heat.

- When moving the set, be sure to first disconnect the power cord.

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT
APPAREIL Á LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

CAUTION
INVISIBLE LASER RADIATION
WHEN OPEN AND INTERLOCKS
DEFEATED.
AVOID EXPOSURE TO BEAM

This product contains a low power Laser Device.

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

    (1) This device may not cause harmful interference, and

    (2) This device must accept any interference received, including interference that may cause undesired operation.

3
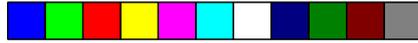
PREPARATION FOR USE

Unpacking and Set Up

- This carton contains the main unit, two speakers with removable front panels, and the remote control handset.

  Carefully remove all the components from the carton and remove all packing materials form the components. Make sure nothing is accidentally discarded with the packing materials.

- Save the carton and packing materials, if possible, in the unlikely event that this unit ever needs to be returned for service. Using the original carton and packing material is the only way to properly protect the unit from shipping damage.

- Remove any descriptive stickers or labels from the front panel of the main unit. Do not remove any labels or stickers that may be affixed to the back panel of the main unit or the speakers.

- Unwind the AC power cord on the back of the main unit and extend it to its full length.

- Unwind the FM lead wire antenna on the back of the main unit and extend it to its full length.

- Unwind the speaker cables on the backs of the speakers and extend them to their full length.

4
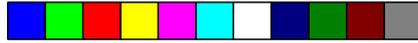
Connecting The Speakers

Note: Always connect the speakers before switching the power 'On', and never operate the system without the speakers properly connected.

The speaker cables and the speaker terminals are color-coded.

Connect the Red wires to the Red terminals.

Connect the Black wires to the Black terminals.

If the wires are connected incorrectly the sound will be "muddy" or distorted.

To make the connection, completely depress the plastic levers to open the terminals, insert the bare end of the speaker wire into the terminal openings, and release the plastic levers to lock the wires in place.
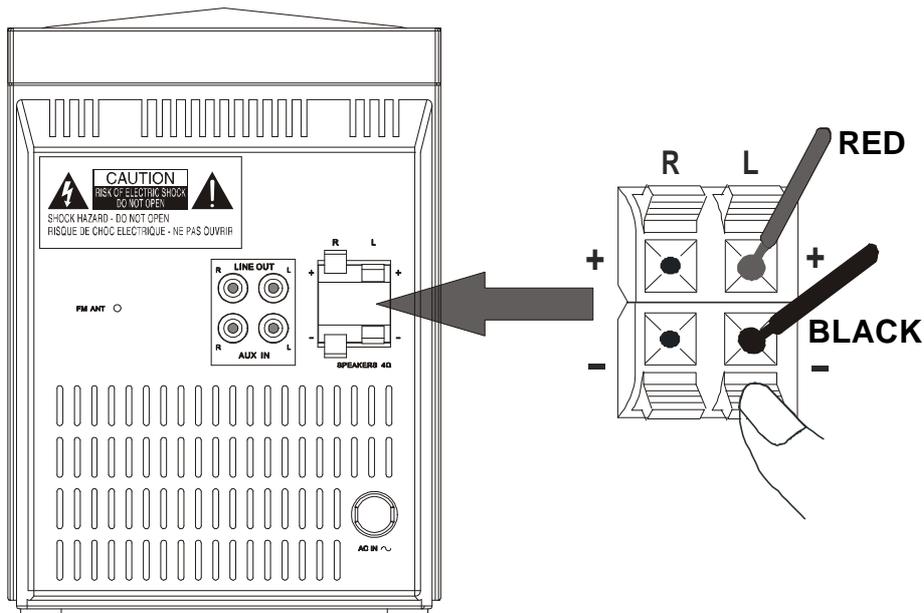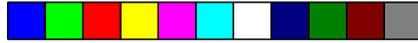
LINE OUT (R/L) Jacks

This system includes a pair of **LINE OUT (R/L)** jacks for the connection to optional external amplifier.
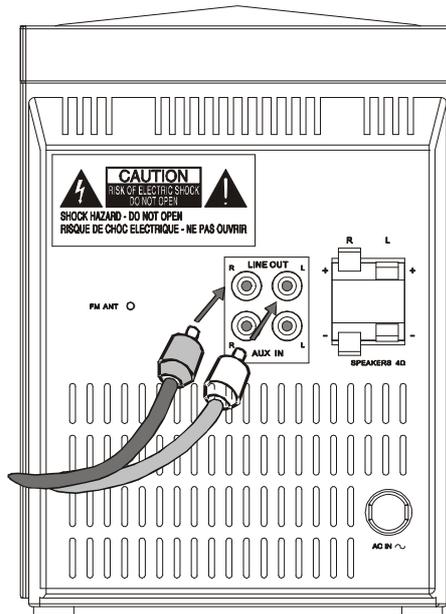
To External Amplifier

LINE-IN Jacks

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Auxiliary Input Jacks

This system includes **AUX IN R/L** Jacks. These jacks allow you to connect external audio equipment to this system and listen to the sound from the external equipment through the speakers of this system.

Examples of the types of external equipment that may be connected are:

A cassette deck; the audio outputs from a VCR or DVD player; a personal cassette player, MP3 player, MD player, or a personal hard-disc audio jukebox device such as an iPod®.

Connect the audio output jack(s) or headphone jack of the external audio equipment to the **AUX IN R/L** jacks on the back panel of this system.

CONNECTION CABLES ARE NOT INCLUDED.

You may leave your external device permanently connected to this system if you wish. It is not necessary to disconnect the external device in order to listen to the Tuner or CD player in this system.

From External
Audio Source
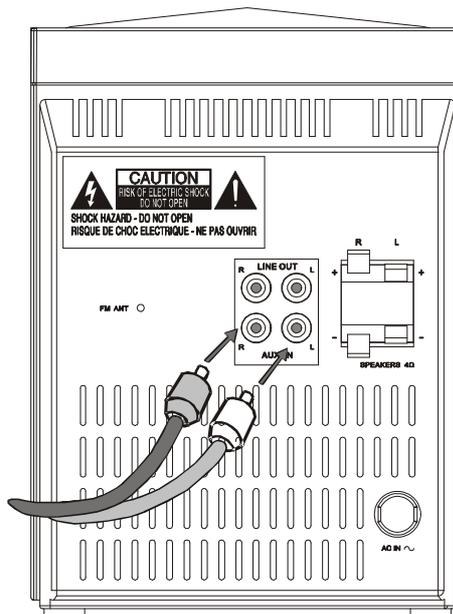
Instructions for listening to your external device will be found at the end of this Owner's Manual.

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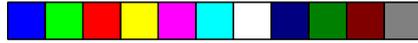
Power Source

This system is designed to operate on 120V AC 60Hz house current only. Connecting this system to any other power source may cause damage to the system and such damage is not covered by your warranty.

Note: The system has polarized AC plug with one wide blade and one narrow blade. The plug will only fit into matching polarized AC outlets.

This is a safety feature to reduce the possibility of electric shock. If the plug will not fit in your AC outlets, you probably have an outdated non-polarized outlet. You should have your outdated outlet changed by a qualified, licensed electrician. Do not file the wide blade on the plug, or use an adapter to make the plug fit into your outlet. This defeats the safety feature and could expose you to electric shock.

AC Outlet

AC Plug
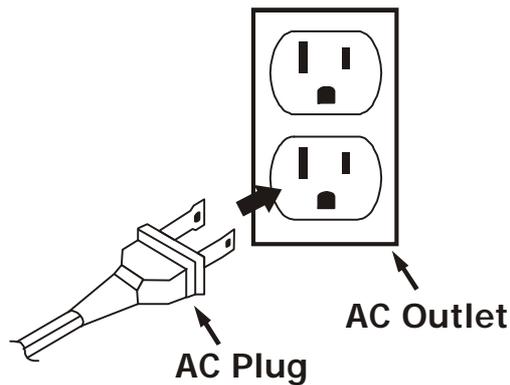
Placement Of The System

The system should be placed on a stable, level surface such as a table, shelf, or stand, convenient to a 120V 60Hz AC outlet, out of direct sunlight, and away from sources of excess heat, dust, moisture, or vibration.

The speakers may be separated from the main as far the wires allow for maximum stereo separation, or the may be placed to the immediate left and right of the main unit.
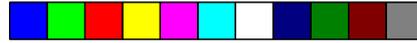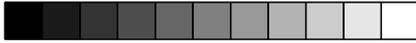
Protect Your Furniture

This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

Stereo Headphone Jack

This system includes a stereo **PHONES** jack on the front panel of the main unit. You may connect a set of stereo headphones, not included, to this jack for private listening without disturbing others.

The main speakers are automatically shut off when headphones are connected to the **PHONES** jack. Make sure that the plug from your headphones is fully inserted into the headphone jack. If the plug is not fully inserted the sound may be intermittent, or you may only hear sound from one side of the headphones.

IMPORTANT: To prevent hearing damage always set the volume control to a low level before you connect the headphones. Then connect the headphones, put them on, and very gradually increase the volume to a comfortable listening level. Remember that CDs may contain both very soft and very loud passages. Adjust the volume to a comfortable level using a louder passage, so that you always know what the maximum level will be.

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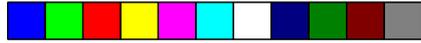
LOCATION OF CONTROLS AND INDICATORS

<u>**Front Panel**</u>
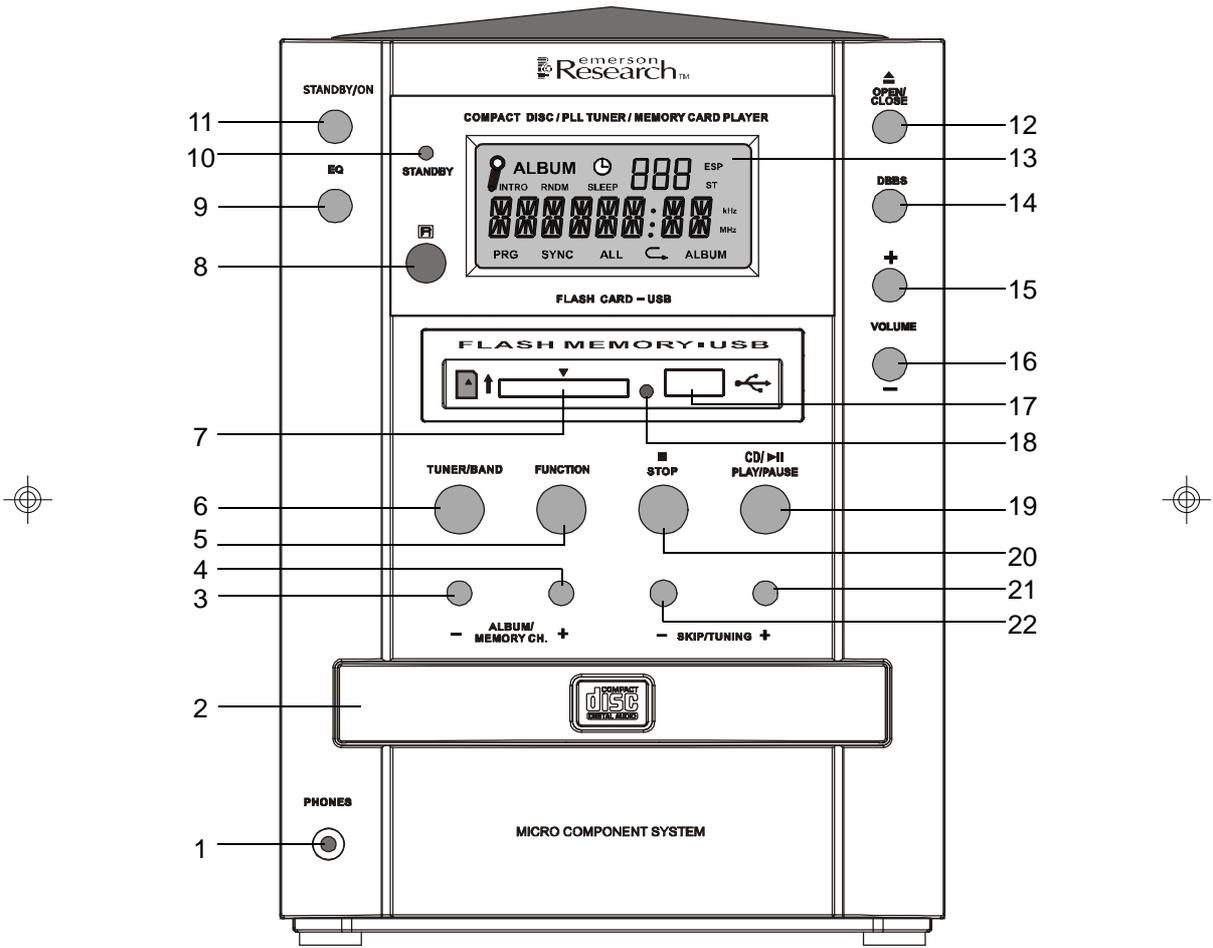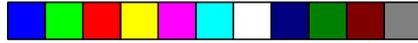
Back Panel
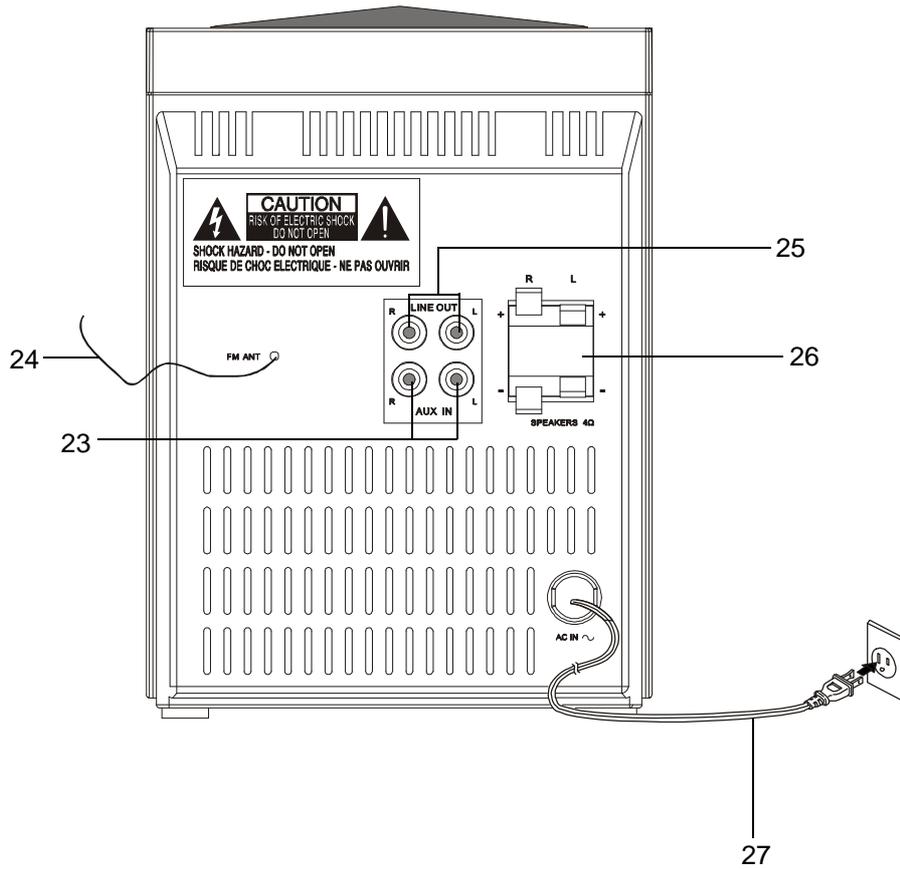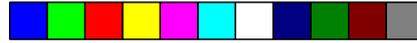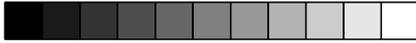
Front Panel

1.) **PHONES** Jack.

2.) CD Tray.

3.) **ALBUM/MEMORY CH. –** Button.

4.) **ALBUM/MEMORY CH. +** Button.

5.) **FUNCTION** Button.

6.) **TUNER/BAND** Button.

7.) SD/MMC **FLASH MEMORY** Card Slot.

8.) Remote Sensor.

9.) **EQ** Button.

10.) **STANDBY** LED Indicator.

11.) **STANDBY ON**/Off Button.

12.) CD Tray ▲ **OPEN / CLOSE** Button.

13.) Multi Function Display.

14.) **DBBS** Button.

15.) **VOLUME +** Button.

16.) **VOLUME –** Button.

17.) **USB** ⟵⟶ Port.

18.) SD/MMC Memory Card /USB LED Indicator.

19.) ▶❚❚ **PLAY/PAUSE** Button.

20.) ■ **STOP** Button.

21.) **SKIP/TUNING +** Button.

22.) **SKIP/TUNING –** Button.

Back Panel

23.) **AUX IN R/L** Jacks.

24.) **FM** Lead Wire **ANTENNA**.

25.) **LINE OUT R/L** Jacks.

26.) **SPEAKER** Terminals.

27.) AC Power Cord.

12
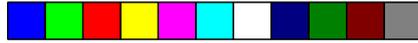
Remote Control

1.) **DBBS** Button.

2.) **EQ** Button.

3.) **ALBUM/MEM CH. –** Button.

4.) **MODE** Button.

5.) **ALBUM/MEM CH. +** Button.

6.) **INTRO** Button.

7.) **REPEAT** Button.

8.) ■ **STOP** Button.

9.) **FUNCTION** Button.

10.) **AUX** Button.

11.) **TIMER** Button.

12.) IR (Infrared) Transmitter.

13.) **STANDBY ON**/Off Button.

14.) **SLEEP** Button.

15.) ▶❚❚ **PLAY/PAUSE** Button.

16.) ❙◀◀ **SKIP/TUNING +** Button.

17.) ▶▶❙ **SKIP/TUNING –** Button.

18.) **RANDOM** Button.

19.) **PROGRAM/CLOCK** Button.

20.) **TUNER/BAND** Button.

21.) **MUTE** Button.

22.) **VOLUME +** Button.

23.) **VOLUME –** Button.

24.) Battery Compartment.

13
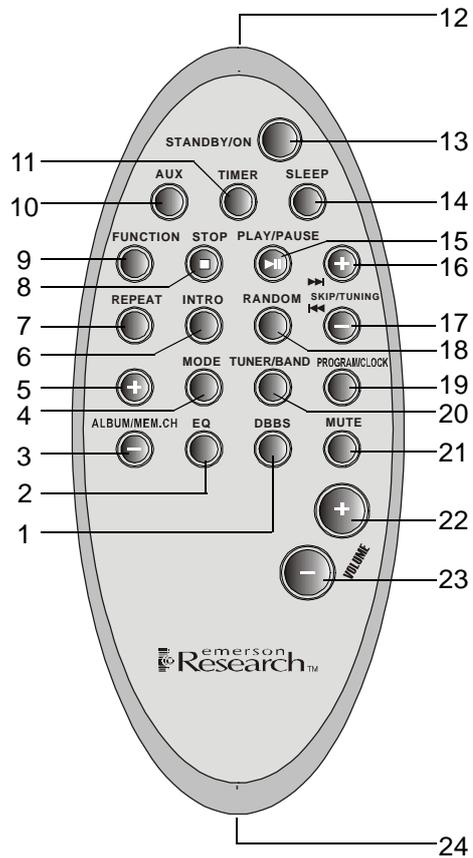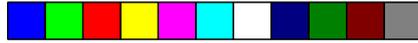
Remote Control Battery

The remote control requires one "button-type" 3-volt Lithium battery, included. To extend the life of the original battery we have inserted a small clear plastic spacer tab between the Lithium battery and the battery terminal.

You must remove this battery spacer tab before you can use the remote control.

To remove the tab, pull it in the direction of the arrow in the illustration as shown.

When the operation of the remote control becomes intermittent or unsatisfactory, replace the original battery with a new 3-volt Lithium battery.

The battery number is **CR2025** or equivalent.
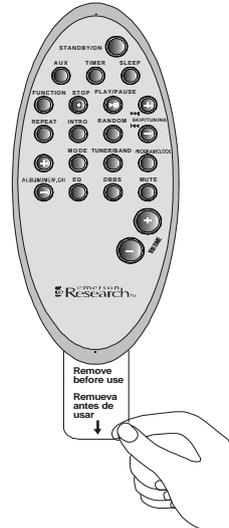
1.) To replace the battery, slide the battery holder out of the remote control in the direction of "arrow".

2.) Remove the original battery from the holder and install a new **CR2025** battery with the "+" side facing up as shown in the illustration. Then slide the battery holder back into the remote control.

Dispose of the original battery properly. It should not be thrown into a fire as the battery may explode if incinerated. It should not be left around where small children or pets might play with, or swallow it. If the battery is accidentally swallowed, contact a physician immediately.

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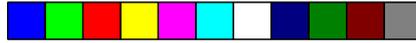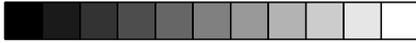
OPERATING INSTRUCTIONS

- **Make sure that you have fully extended the FM antenna wire.**

- **Make sure that you have removed the battery spacer from the remote control handset.**

- **Make sure that the system is connected to an AC outlet that is always "live".**

- **Do not connect the system to an AC outlet controlled by a wall switch.**

Remove The Dummy CD Transit Protection Card

This system was shipped with a "dummy CD" transit protection card in the CD player. The card was inserted to prevent the CD player mechanism from moving during shipping and handling. It must be removed and discarded before you can load your own CD. After connecting the system to your AC outlet, press the **STANDBY/ON** button to turn the system 'On'. Then press the ▲ **OPEN/CLOSE** button to open the CD tray. Remove the "dummy CD" and discard it.

Press the ▲ **OPEN/CLOSE** button to close the CD tray.

General Controls

Most of the main functions of this system can be operated by the controls on the front panel of the main unit, or by the buttons on the remote control handset. If a specific function can only be operated by the remote handset, or by the front panel controls, this will be clearly indicated in the instructions.

When operating this system with the remote control handset make sure that the IR (Infrared) transmitter on the front of the remote handset is pointed at the remote sensor on the front panel of the main unit.

The effective operating range of the remote control is approximately 15 feet. Please note that bright sunlight or room lighting may interfere with the remote control operation. If the remote is not operating properly try reducing the brightness of the room or moving closer to the main unit. If this does not solve the problem, it may be time to change the remote control battery.

15
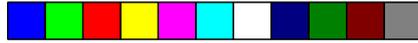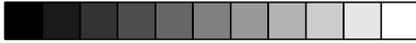
Volume Controls

To increase or decrease the system volume press the **VOLUME +** or **VOLUME –** buttons on the front panel or the remote control.

The Volume Level Indicator will appear on the display when you change the volume level.

The level indicator ranges from "**00**" (Minimum) to "**30**" (Maximum).

$$VOL \ 20$$

The system remembers the volume level when the power is switched 'Off' and automatically returns to the same level when the power is switched 'On' again.

EQ (Electronic Preset Equalizer)

The preset equalizer allows you to adjust the sound characteristic for the most popular types of music.

Press the **EQ** button on the front panel or the remote control to cycle through the following equalizer settings:

PASS (EQ 'Off'), **CLASSIC**, **ROCK**, **POP**, **JAZZ.**

$$CLASSIC$$
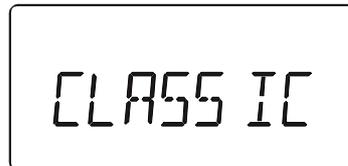
The appropriate EQ indicator briefly appears in the display to confirm your selection. The system remembers the EQ setting when the power is switched 'Off' and returns to the same setting when the power is switched 'On' again.

DBBS (Dynamic Bass Boost) Control

Press the **DBBS** button on the front panel or the remote control to increase the bass response. Press again to cancel the Bass Boost function.

$$BBS \ ON$$ ⬅ ➡ $$BBS \ OFF$$

16
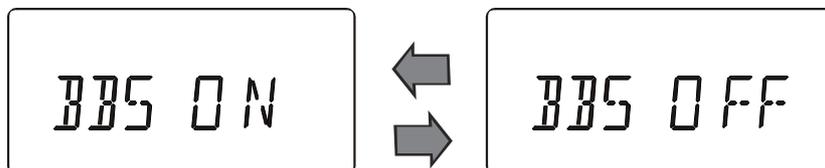
MUTE Button (On Remote Control Only)

Press the **MUTE** button on the remote control to shut off the speakers temporarily, for example, to answer the telephone.

The sound stops and the "**MUTE**" indicator flashes in the display.

Press the **MUTE** button again to cancel the mute function and restore the sound. The "**MUTE**" indicator disappears.

The mute function will also be canceled automatically by pressing the **VOLUME +** or **VOLUME –** buttons.

17
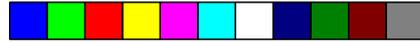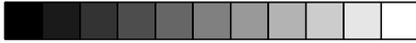
Setting The Clock

When the unit is connected to the AC outlet for the first time the "– –:– –" flashes on the display.
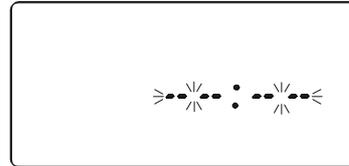
Note: Do not turn the main unit power 'On'. The clock can only be set while the main unit power is 'Off'. The clock can only be set with the Remote Control.

1.) Press and hold the **PROGRAM/CLOCK** button on the remote control.

"**12 HOUR**" flashes on display. Press the **SKIP/TUNING +** or **–** buttons to select between "**24 HOUR**" or "**12 HOUR**" modes if necessary.
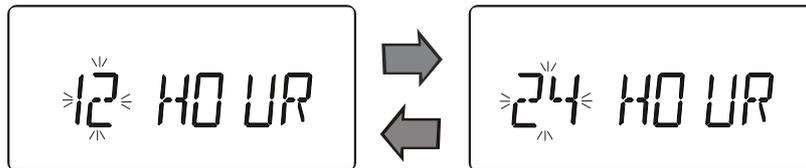
2.) Press the **PROGRAM/CLOCK** button again. Just the Hour digits will continue flashing.

3.) Press the **SKIP/TUNING +** or **–** buttons to set the display to the correct hour, **AM** or **PM**.

4.) Press the **PROGRAM/CLOCK** button again. The Minute digits will begin flashing.

5.) Press the **SKIP/TUNING +** or **–** buttons to set the display to the correct minutes.

6.) Press the **PROGRAM/CLOCK** button once more.
Only the "**:**" flashing and the clock begins to run.

18
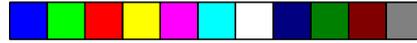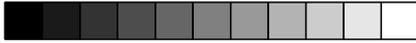
Listening To The Radio

1.) Press the **STANDBY**/ON button to turn the system 'On'.

The display lighting comes on and the display briefly shows "**HELLO**".

$$HELLO$$
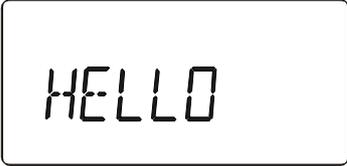
2.) Press the **FUNCTION** button to select the Tuner function.

An **AM** or **FM** frequency will appear on the display.

Press the **TUNER**/**BAND** button again to switch between the **AM** and **FM** bands if necessary.

$$AM \ \ 14 \ 00 \ _{kHz}$$
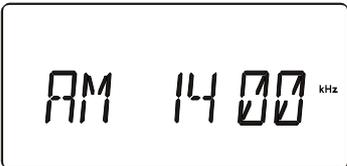
3.) Tune to the desired station as follows:

- **Manual Tuning**
  Repeatedly press the **SKIP/TUNING +** or **–** buttons until the display shows the exact frequency of the desired station. Use the Manual Tuning method to tune to weak or distant stations that are not strong enough to be recognized by the Automatic Tuning system.

- **Automatic Tuning**
  Depress and hold the **SKIP/TUNING +** or **–** buttons until the display begins to move, then release the buttons. The Tuner will search up or down the band for the next strong signal and stop on that station. Repeat this procedure until the tuner stops on your desired station.

4.) If you tuned to an FM Stereo station the **ST** indicator will appear in the display. If the FM Stereo reception is noisy or weak, press the **MODE** button on the remote control to select the FM Mono mode.

$$FM \ \ 97.30 \ ^{ST}_{MHz}$$
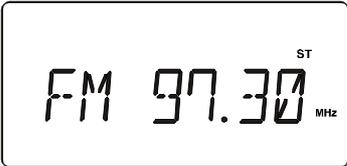
5.) Adjust the **VOLUME**, **DBBS** and **EQ** controls to the desired settings.

6.) When you are finished listening press the **STANDBY/ON** button to return the system to the Standby (Off) mode. The display lighting goes off and the display changes from radio frequency to correct time.

19

Hints For Better Reception

FM: The FM lead wire antenna on the back panel should be extended to its full length. You may also have to vary the direction of this antenna until you find the position that provides the best reception.
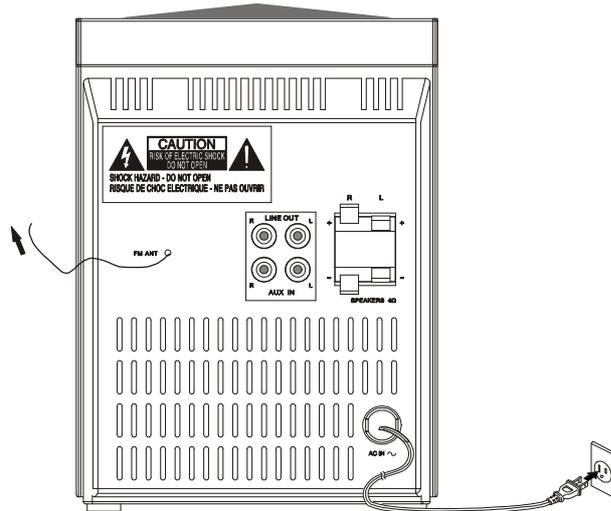
AM: The AM bar antenna is inside the cabinet of the main unit. You may need to change the position of the main unit until you find the position that provides the best reception for your favorite AM stations.

20
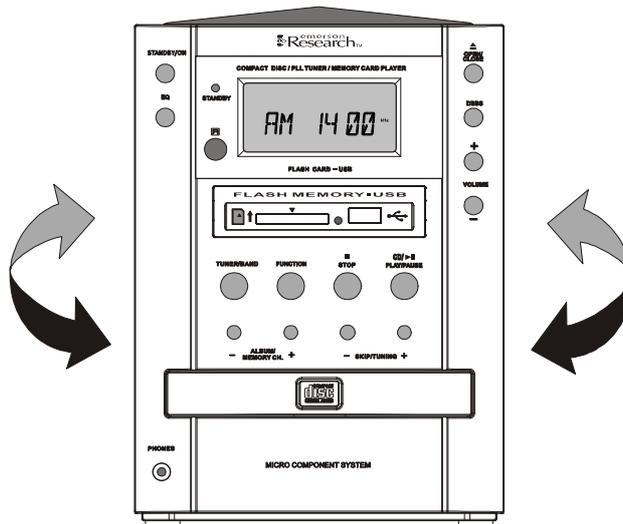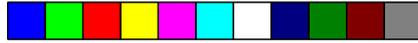
Presetting Stations In The Tuner Memory

You can store up to **40** of your favorite stations (**30 FM** / **10 AM**) in the tuner memory for easy recall at any time.

Using either the manual or automatic tuning method described on page 19, tune to the first station you wish to memorize (Example: **FM 103.50 MHz**) and then:

1.) Press the **PROGRAM/CLOCK** button on the remote control.

The "**PRG**" indicator appears and the channel number "**01**" indicator flashes in the display.

2.) Press the **PROGRAM/CLOCK** button again, the "**01**" indicator stops flashing, confirming that your station has been entered in preset channel number "01".

3.) Tune to the next station you wish to memorize. Example: **FM 106.70 MHz**

Press the **PROGRAM/CLOCK** button. The preset channel number advances to flashing "**02**".

4.) Repeat Step 2-3 until you have stored up to 30 stations on the **FM** band, then press the **TUNER**/**BAND** button to switch to the **AM** band and follow the same procedure to enter up to 10 AM station in the tuner memory.

21

Recalling Preset Stations

1.) Turn the system 'On', press the **TUNER**/**BAND** button to select the Tuner function and the desired band.

2.) Press the **ALBUM/MEM CH. +** or **–** button repeatedly until the desired preset number and frequency appears on the display.

```
                    02 ST
FM 106.70 MHz
```

Changing Preset Stations

1.) Tune to the new station you want to memorize.

2.) Press the **PROGRAM/CLOCK** button.

3.) Repeatedly press **ALBUM/MEM CH. +** or **–** button to select the preset channel number you wish change.

4.) Press the **PROGRAM/CLOCK** button again. The new station is entered in the memory and the previous station is deleted.

22
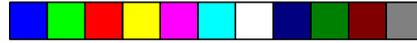
Playing Compact Discs

Important: *This CD player can play normal CDs plus CD Recordable (CD-R) and CD ReWritable (CD-RW) discs. However the playability of CD-R/RW discs may be affected by the type of software that was used in 'ripping' the tracks from the original discs and 'burning' the tracks onto the blank media. Playability may also be affected by the quality and condition of the blank media you use for recording. 100% compatibility cannot be guaranteed. This is not an indication of any problems with your player.*

Normal Playback

1.) Press the **STANDBY/ON** button to turn the system 'On'.

2.) Press the **FUNCTION** button to select **CD** function.

3.) Press the ▲ **OPEN/CLOSE** button on front panel to open the CD tray.

If you have not already done so, remove the "dummy CD" transit protection cards and discard it. You cannot play your own CD unless the card is removed.

4.) Load your own CD into the player with the printed 'label' facing up.
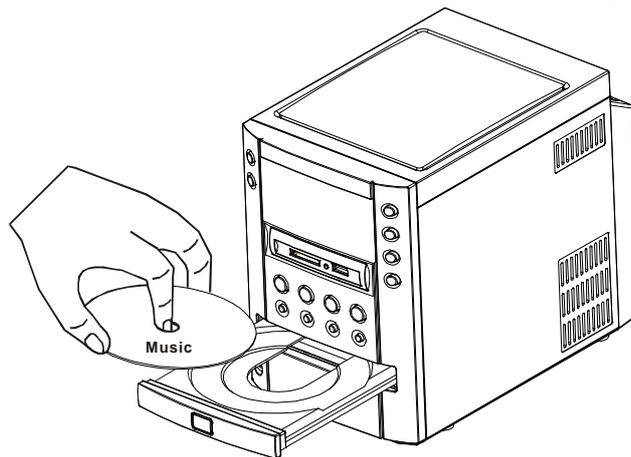

5.) Press the ▲ **OPEN/CLOSE** button to close the CD tray.

23
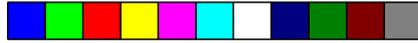
The "**READ**" indicator flashes as the player reads the Table Of Contents on the disc.

After reading the disc the display will show the total tracks and playing time of the disc.

Note: The reading time may take longer if you are using a CD-RW disc or a disc encoded with MP3 audio files. This is normal and not an indication of any problem with your unit.

6.) Press the ▶II **PLAY/PAUSE** button to begin playback.

Note: This CD player is equipped with an automatic 10-second Electronic Skip Protection (ESP) memory system that will eliminate CD skipping if the unit is accidentally shaken or bumped during playback.

The ESP system turns 'On' automatically when you press the ▶II PLAY/ PAUSE button and the ESP indicator begins flashing as the player stores 10 seconds of music in the memory. When the memory is full the ESP indicator stops flashing and remains 'On'.
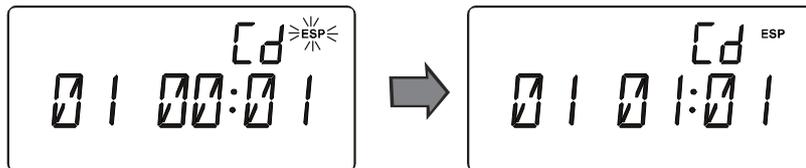
If the unit is shaken or bumped for a few seconds you will not experience any skipping but the memory will be partially depleted and the ESP indicator will begin flashing until the memory is full again. Since the ESP system does draw additional power from the batteries you can shut the ESP system 'Off' if the unit is being used in a stable location and is not subject to shakes or bumps.

You may turn the ESP function 'Off' or 'On' again by pressing the MODE button on the remote control. There is no MODE button on the main unit.

24

7.) Adjust the **VOLUME**, **DBBS** and **EQ** controls as desired.

8.) Playback will continue until all tracks on the disc have been played, then the player stops and the display shows the total tracks number and playing time on the disc.

To stop playback at any time, press the ■ **STOP** button.

9.) If you are finished listening, press the ▲ **OPEN/CLOSE** button to open the CD tray, remove your disc from the player, re-close the tray and press the **STANDBY/ON** button to return the system to the Standby (Off) mode.

Pause Control

To pause temporarily during CD playback press the ▶II **PLAY/PAUSE** button again.

The sound stops and the elapsed time flashes in the display, but the disc continues spinning.

Press the ▶II **PLAY/PAUSE** button once more to cancel Pause mode and resume playback at the same point, the elapsed time stops flashing.

Skip Track and High Speed Music Search

- During playback, repeatedly press the **SKIP/TUNING +** or **–** buttons to skip to higher or lower numbered tracks. Playback will begin on the selected track.

- During playback, depress and hold the **SKIP/TUNING +** or **–** buttons to search within a track at high speed to locate a specific musical passage.

    Release the **SKIP/TUNING +** or **–** buttons when you hear the desired passage. Normal speed playback will resume at that point.

25

Repeat Playback (On Remote Control Only)

The Repeat function in this system allows you to continuously repeat a single track, or the entire disc. The Repeat function can be activated during playback or while the player is stopped.

One Track Repeat

Select the track to be repeated and begin playback.

Press the **REPEAT** button on remote control once.

The ⤵ indicator appears in the display and the selected track will be repeated continuously.

```
              Cd
  02  03:40
              ⤵
```
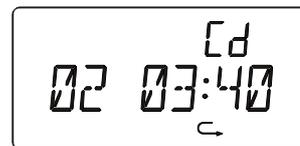
All Tracks Repeat

Load the disc in the player and begin playback.

Press the **REPEAT** button on the remote control twice.

The **ALL** ⤵ indicators appear in the display. All tracks on the disc will be repeated continuously.

```
              Cd
  02  03:40
        ALL   ⤵
```
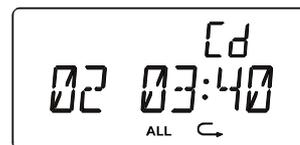
To cancel Repeat playback mode press the **REPEAT** button until the **ALL** ⤵ indicators disappear from the display.

Repeat mode can also be canceled by opening the CD tray, switching to the **TUNER** or **AUX** mode, or pressing the **STANDBY/ON** button to return the system to the Standby (Off) mode.

26
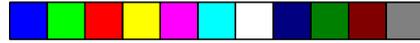
Random Playback (On Remote Control Only)

The Random playback feature allows you play all the tracks on the disc in random order.

You can select random playback while the disc is playing or when the player is stopped.

Load a CD in the player as usual and then press the **RANDOM** button on the remote control handset.

The **RNDM** indicator appears in the display.

```
        Cd
RNDM
 13 00:02
```

The player will randomly select a track from the disc and begin playback. Random playback will continue until all tracks have played once, then the player stops.

To stop Random playback, press the **RANDOM** button on the remote control again. The **RNDM** indicator disappears and normal playback will resume from that point.

INTRO Scan Playback (On Remote Control Only)

This feature allows you to play just the first 10 seconds of each track on the disc. This may be useful when you are trying to locate a specific song but you do not remember the title.

Load the disc as usual and wait until the display shows the total playing time and number of tracks.

Press the **INTRO** button on the remote control.

The **INTRO** indicator will appear in the display.

```
        Cd
INTRO
 01 00:01
```

The player will play the first 10 seconds of each track automatically.

When the first 10 seconds of the last track has played the player stops and the display again shows the total playing time and number of tracks on the disc.

To cancel the Intro mode press the **INTRO** button once more until the **INTRO** indicator disappears.

27
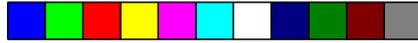
Programmed Playback

The Programmed Playback feature allows you to program a total of up to **64** tracks in any desired order. You may program the same track to play several times within a program sequence if desired.

Note: You cannot program tracks during playback. If a disc is playing press the ■ STOP button first to stop playback before beginning the programming steps below.

1.) Load the disc in the player and wait until the player has read the Table of Contents of the disc.

2.) Press the **PROGRAM/CLOCK** button on the remote control.

The **PRG** indicator, Program Memory "**P- 01**" and Track "**00**" will appear in the display .

```
00  P- 01
PRG
```

3.) Then press the **SKIP/TUNING +** or **–** buttons to select the first track on the disc to be programmed. (Example: Track **07**).

```
07  P- 01
PRG
```

4.) Press the **PROGRAM/CLOCK** button again to enter Track 07 in program memory #01.

The program memory number advances to "**P- 02**".

```
00  P- 02
PRG
```

5.) Repeat steps 3 and 4 selecting the desired Track number each time until you have entered up to **64** tracks in the CD program memory.

28

6.) Press the ▶II **PLAY/PAUSE** button to begin programmed playback.

The **PRG** indicator remains 'On'.

The player will play all the tracks that you programmed in the desired sequence.

```
        Cd
07  00:01
PRG
```
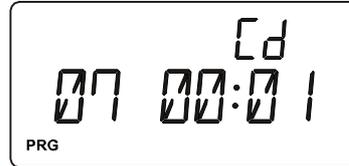
- After the last programmed track has played the player stops, but the programmed sequence remains in the memory.

- To play the programmed sequence again, press the **PROGRAM/CLOCK** button then the ▶II **PLAY/PAUSE** button.

- To cancel the programmed sequence from the memory press the ■ **STOP** button at programming mode.

Programmed Repeat Playback

You can use the Programmed and Repeat Playback functions together to continuously repeat a programmed sequence.

First program up to 64 tracks as described above.

Then press the **REPEAT** button twice to activate "All Tracks Repeat" feature.

Press the ▶II **PLAY/PAUSE** button to begin Programmed Repeat Playback. The programmed sequence will be repeated continuously.

```
        Cd
07  00:01
PRG      ALL  ⤶
```

29
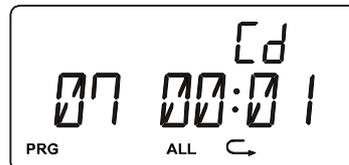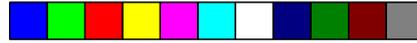
Playing MP3 Discs

CDs that contain compressed MP3 audio files can store approximately 10 times as much music as a normal CDs. It is possible to record up to 10 hours of music in MP3 format on a single disc.

Audio files may be downloaded from the Internet onto your computer's hard drive or 'ripped' from normal CDs. They are then compressed into MP3 format files by software on your computer and recorded or 'burned' onto blank discs.

Typically when making your own MP3 CDs you will organize the song titles into "Directories" or "Folders", also called "Albums", by artist, or by type of music.

Note: Because MP3 CDs contain so much more information than normal CDs this CD player will take longer to 'Read' all of the information on an MP3 disc.

*You may see the flashing "**READ**" indicator for a minute or more before playback begins. This is normal and not an indication of any problem with your player.*

Most of the normal CD operations described in this manual also apply to MP3 CDs. However there are a few differences in MP3 CD playback functions, and these are described on the following pages.

MP3 CD "Reading" Time And Display Information

As mentioned above, because MP3 CDs contain much more information than normal CDs it takes longer for the player to 'Read' an MP3 disc and display the Table of Contents information.

After you load an MP3 CD in the player the player will read each of the "Directories" (or "Albums") on the disc, one at a time, and display the Directory Number and the cumulative number of tracks in the directories that have already been read.

For example if we insert an MP3 CD containing **11** "Directories" (or "Albums") and a total of **172** "files" or tracks, the display will show:

30
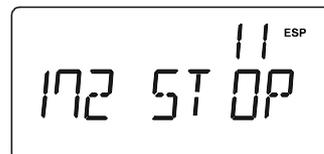
MP3 CD Playback

The ▶II **PLAY/PAUSE, SKIP/TUNING +**, **SKIP/TUNING –** and ■ **STOP** controls have the same functions for MP3 CDs as they do for normal CDs.

To skip quickly from a track in one directory to a track in another directory, proceed as follows:

1.) Load your MP3 CD in the player, wait until the reading process is completed.

2.) Example: Let's assume that you want to skip to Directory # 09/Track # 005.

- Press the **ALBUM/MEM.CH** button repeatedly to select album "**09**". The track will show "001"

```
        09 ESP
001
```

- Press the **SKIP/TUNING +** button repeatedly until the display shows Track "**005**".

```
        09 ESP
005
```
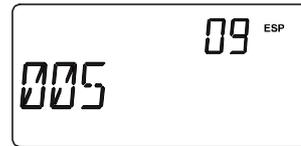
- Press the ▶II **PLAY/PAUSE** button to start playback.

```
        09 ⇒ESP⇐
005
```
⇒
```
        09 ESP
005  00:01
```
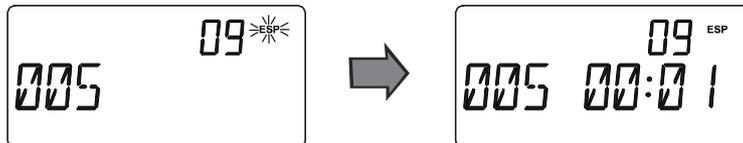
- Press and hold the **MODE** button to scroll through the "ID3 text" information. If the information was properly inserted when the files were created, the display will show the song **TITLE**, **ARTIST** name, and **ALBUM** name.

```
      09 ESP ST
FILE---
```
⇒
```
      09 ESP
TITLE- ---
```
⇒
```
      09 ESP
ARTIST ---
```
⇒
```
      09 ESP
ALBUM- ---
```
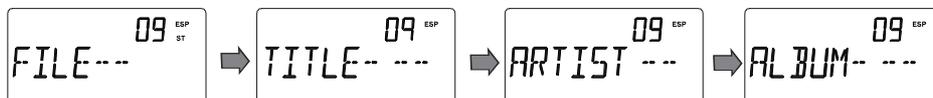
- Press and hold the **MODE** button again to return to Track and Play-time display.

31
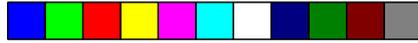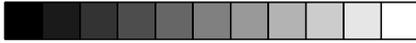
MP3 ID3 Support / Information Display

When you create a CD on your computer containing MP3 audio files, the software you use to create the disc will normally allow you to input the name of the Artist, the name of the Album, and the Titles of the individual songs. If the information is input properly when the disc is created, it will scroll across the bottom of the CD display during playback of the MP3 CD. Refer to previous page.

MP3 CD Repeat Playback (On Remote Control Only)

There are 3 Repeat Playback options with MP3 CDs. In addition to the "Repeat 1 Track" and "Repeat All Tracks" options which are the same for normal CDs, you may also select "Directory Repeat" mode to repeat all the tracks contained in a single Directory (Album).

- **To repeat a single track on an MP3 CD**

  Select the track to be repeated and start playback as usual. Then press the **REPEAT** button on the remote control <u>once</u>.

  The ↪ indicator appears and the selected track will be repeated continuously.
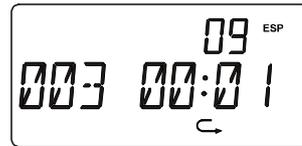
- **To repeat all the tracks on an MP3 CD**

  Begin playback as usual, then press the **REPEAT** button <u>twice</u>.

  The **ALL** ↪ indicators appear on the display and all the tracks on the disc will be repeated continuously.

- **To repeat all the tracks in a single Directory (or Album)**

  Press the **ALBUM/MEM.CH** button to select the desired Album number as usual. Press the **REPEAT** button <u>three times</u>.

  Both the ↪ and **ALBUM** indicators appear in the display and all the tracks in the directory will be repeated continuously.

To cancel Repeat Playback, press the **REPEAT** button until the "**ALL** ↪ **ALBUM**" indicators disappear.

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MP3 CD Intro Scan And Random Playback Modes
(On Remote Control Only)

These functions operate the same way for MP3 CDs as they do for normal CDs.

Intro Scan

Load your MP3 CD in the player, wait until the reading process is completed.

Press the **INTRO** button.

The "**INTRO**" indicator appears in the display and begins Intro Scan playback.

The player will play the first 10 seconds of each track on the disc.

Random Playback

Load your MP3 CD in the player, wait until the reading process is completed.

Press the **RANDOM** button.

The "**RNDM**" indicator appears in the display.

The player will play all the tracks on the disc in Random order.

33
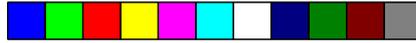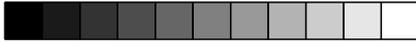
MP3 CD Programmed Playback

- When programming the tracks on an MP3 CD you must also select the Directory Number of the tracks being programmed.

- You can program up to **64** tracks on an MP3 CD, same as for a normal CD.

- Programming can only be done while the player is in the Stop mode. If the MP3 disc is playing, first press the ■ **STOP** button to stop playback, then follow the programming steps below.

In this example the MP3 CD contains a total of **11** Directories (Albums) and **172** Tracks (Files). Let's assume that the first track we want to program is Track #**003** in Album #**05**.

1.) Press the **PROGRAM/CLOCK** button on the remote control.

   The display shows Album "**00**" flashing.

   Track "**000**", Program Number "**P–01**" and "**PRG**" indicator appear.
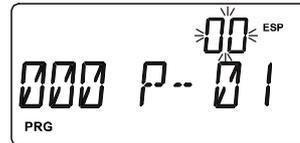
2.) Press the **SKIP/TUNING +** button repeatedly to select Album #**05**.
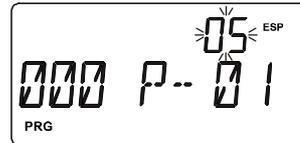
3.) Press the **PROGRAM/CLOCK** button to enter Album #05 in Program Memory "P–01". The track "**000**" flashes.
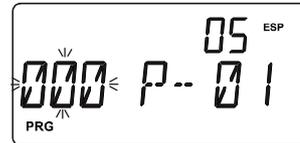
4.) Press the **SKIP/TUNING +** button repeatedly to select Track # **003**.
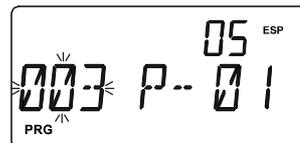
5.) Press the **PROGRAM/CLOCK** button to enter Track #003 in Program Memory P–01. The Program Number advances to "**P–02**", the Album and Track Number returns to "**00**" & "**000**".
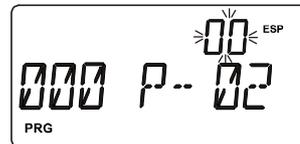
6.) Repeat Steps 2 through 5 to enter up to 64 tracks in the program memory.

7.) After you have entered up to 64 tracks in the Program Memory, press the ▶II **PLAY/PAUSE** button to begin programmed playback.

34
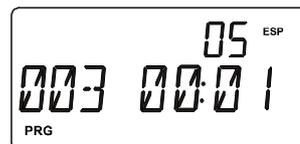
"Title Search" And "Album Search" On MP3 CDs

This system allows you to search through a MP3 CD and select a specific "album" (Directory), or even a specific "song title" (File) for immediate playback.

Notes:

A.) Title/Album Search can only be performed using the remote control handset.

B.) Title/Album Search can only be performed if the title and album information was properly encoded in the original MP3 files before they were "burned" (recorded) on the CD.

### To search a MP3 CD for a specific song by "Title"

1.) Load the MP3 CD in the player and wait until the player reads the Table of Contents on the disc and shows the total number of "Albums" (Directories) and "Tracks" (Files) on the disc.

For example in the illustration the disc contains **9** Albums and **56** Tracks.

2.) Press the **MODE** button on the remote control <u>once</u>.

The Search symbol will flash in the display and the player will enter the alphabetical and numerical title search mode beginning with the letter "**A**".

The display will show the first song title beginning with the letter "**A**".

3.) Press the **SKIP/TUNING** "**+**" button repeatedly to scroll through all the song titles on the disc in alphabetical and numerical order.

When you see the desired "Song Title" on the display (Example: **My Way**), press the ▶II **PLAY/PAUSE** button to begin immediate playback of that title.

(Track Number In Disc)   *(Album Number In Disc)*

(Alphabet "M")   *(Song Title)*   *(Track Number of Album)*   *(Elapse Time)*

35
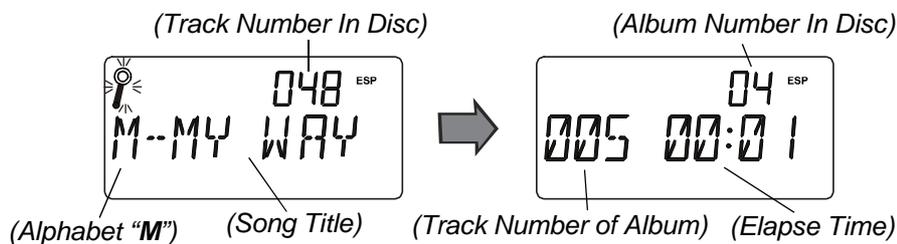
To search a MP3 CD for a specific "Album"

1.) Load the MP3 CD in the player and wait until the player reads the Table of Contents on the disc and shows the total number of "Albums" (Directories) and "Tracks" (Files) on the disc.

For example in the illustration the disc contains **9** Albums and **56** Tracks.

```
           09 ᴱˢᴾ
  056 STOP
```

2.) Press the **MODE** button on the remote control twice.

The Search Album symbol ⌠ **ALBUM** will appear in the display and the player will enter the Album Search mode beginning with Album "**01**".

The display will show the name the Album.

Example: **Judds**

```
⌠ ALBUM    01 ᴱˢᴾ
  JUDDS
```

Note: *If the album name is not recognized, or if the album was not properly named, the display will show "**UNKNOWN**".*

```
⌠ ALBUM    07
  UNKNOWN
```

3.) Press the **SKIP/TUNING** "**+**" button repeatedly to scroll through all the Albums on the disc in numerical order.

When you see the desired Album name on the display press the ▶‖ **PLAY/ PAUSE** button to begin immediate playback of the first track in that "Album".

36
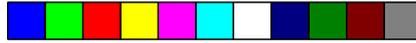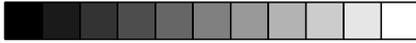
Playing MP3 Audio Files Stored On SD/MMC Memory Cards

Note: The card reader in this system can only read files in MP3 format. It cannot read files in other compressed audio formats such as WMA, AAC, etc.

1.) Turn the system 'On' as usual.

2.) Press the **FUNCTION** button repeatedly until the main display shows "**CARD – USB**".

`CARD-USB`

3.) Insert your "SD" or " MMC" flash memory card containing MP3 audio files into the SD/MMC card slot as shown in the illustration.

   Note: The card can only be inserted one way. Push it in as far as it will go until it locks in place.
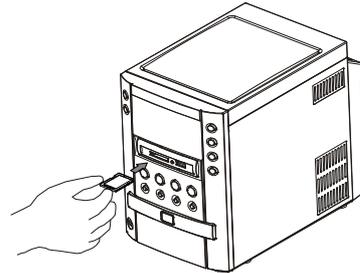
4.) The player will read the information on the card and the display will show the total number of files "Tracks" and "Albums" on the card.

   The reader LED indicator will light up.

`09`
`058 STOP`

5.) Press the ▶II **PLAY/PAUSE** button to begin playback.

   • Adjust the **VOLUME**, **EQ**, and **DBBS** controls as desired.

   • You can skip tracks with the **SKIP TUNING** "**+**" or "**–**" buttons just as you would with a normal CD.

   • You can skip Albums with the **ALBUM/MEM.CH** "**+**" or "**–**" buttons.

   • You may press the **MODE** button <u>once</u> to enter "Album Search" mode, then press the **SKIP TUNING** "**+**" or "**–**" buttons to search the desired album.

`ALBUM  01 ESP`
`JUDDS`

   Note: If the album name is not recognized, or if the album was not properly named, the display will show "UNKNOWN".

`ALBUM  07`
`UNKNOWN`

6.) Playback will continue until the last track has played and then the display will again show the total number of tracks, albums on the card.

   Note: If you have finished listening and want to remove your memory card before the music ends, always press the ■ STOP button first and then remove your card. If you remove the card before pressing the ■ STOP button you may cause an electro-static discharge (ESD) condition and this may prevent the card reader from operating properly until the ESD condition is cleared.

37
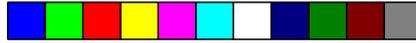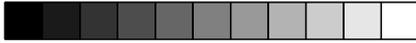
Playing MP3 Audio Files On Portable "USB" Storage Device

Note: The USB port in this system can only read files in MP3 format. It cannot read files in other compressed audio formats such as WMA, AAC, etc.

1.) Turn the system 'On' as usual.

2.) Press the **FUNCTION** button repeatedly until the main display shows "**CARD – USB**".

`CARD-USB`

3.) Connect your portable USB storage device to the **USB** ⟿ Port on the front panel of this system as shown in the illustration.

   *Note: The portable **USB** drive can only be connected one way, usually with the printed side facing up. If you have trouble connecting your USB storage device to the **USB** ⟿ port, do not force it. This may damage the connector. Instead turn the device over and try connecting it again.*
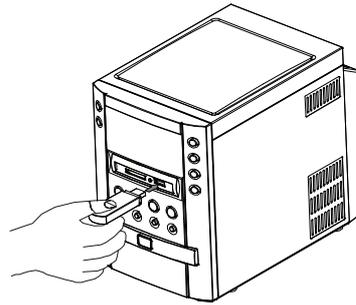
4.) The player will read the information on the external device and the display will show the total number of "Tracks" and "Albums" on the device.

`058 STOP  09`

5.) Press the ▶II **PLAY/PAUSE** button to begin playback.

   • Adjust the **VOLUME**, **EQ**, and **DBBS** controls as desired.

   • You can skip tracks with the **SKIP TUNING** "**+**" or "**–**" buttons just as you would with a normal CD.

   • You can skip albums with the **ALBUM/MEM.CH** "**+**" or "**–**" buttons.

   • You may press the **MODE** button <u>once</u> to enter "Album Search" mode, then press the **SKIP TUNING** "**+**" or "**–**" buttons to search the desired album.

`ALBUM  01 ESP`
`JUDDS`

   *Note: If the album name is not recognized, or if the album was not properly named, the display will show "**UNKNOWN**".*

6.) Playback will continue until the last track has played and then the display will again show the total number of tracks, albums on the USB device.

   *Note: If you have finished listening and want to remove your USB device before the music ends, always press the ■ **STOP** button first and then remove your device. If you remove the device before pressing the ■ **STOP** button you may cause an electro-static discharge (ESD) condition and this may prevent the device from operating properly until the ESD condition is cleared.*

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Special Functions

TIMER Operation (On Remote Control Only)

This system includes a programmable Timer function. You can use the timer to wake you up to the TUNER, or to your favorite CD.

The timer can be programmed while the unit is in the Standby (Power Off) mode, the **TUNER**, **CD**, **CARD-USB**, or **AUX** mode.

To Set The TIMER The 1ˢᵀ Time

1.) Press and hold the **TIMER** button on the remote control.

   The "🕐 **on**" indicators appear and the Hour digits will begin flashing in the display.

   🕐 ON
   AM 12:00

2.) Press the **SKIP/TUNING +** or **–** buttons to set the display to the desired turn 'On' hour, **AM** or **PM**.

   🕐 ON
   AM 6:00

3.) Press the **TIMER** button. The Minute digits begin flashing.

   🕐 ON
   AM 6:30

4.) Press the **SKIP/TUNING +** or **–** buttons to set the display to the desired turn 'On' minute.

5.) Press **TIMER** button again.

   The "🕐 **OFF**" appears in the display, the Hour digits begins flashing.

   🕐 OFF
   AM 12:00
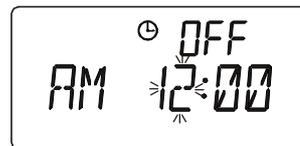
   Press the **SKIP/TUNING +** or **–** buttons to set the display to the desired turn 'Off' hour, **AM** or **PM**.

6.) Press the **TIMER** button. The Minute digits begin flashing.

   🕐 OFF
   AM 7:00

39
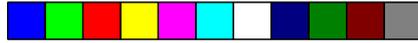
7.) Press the **SKIP/TUNING +** or **−** buttons to set the display to the desired turn 'Off' minute.

⏱ OFF
AM 7:30

8.) Press the **TIMER** button again. **TUNER** flashes in the display.

Press the **SKIP/TUNING +** or **−** buttons to select turn 'On' **TUNER** or **CD** mode.

🕐

TUNER

🕐

CD
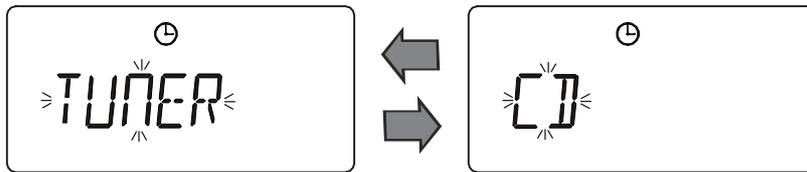
9.) Press the **TIMER** button.

"**VOL 13**" flashes in the display indicating you may now adjust the turn 'On' Volume level.

Press the **SKIP/TUNING +** or **−** buttons to set the turn 'On' Volume level as desired.

🕐
VOL 13
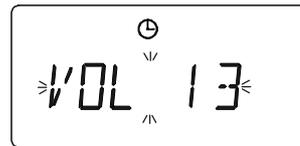
10.) Press the **TIMER** button again to confirm. The display will show the Timer settings in sequence once more.

The 🕐 indicator remains 'On'.

🕐
PM 5:30

11.) At the selected Timer 'On' time, the unit will turn on.

The volume increases gradually to the preset level. It will sound until the turn "Off" time is reached and the power shut off automatically.

12.) To stop the unit sooner, press the **STANDBY/ON** button.

The power turns 'Off', but the Timer remains set and will turn the unit on again at the same time on the following day.

40

13.) If you do not want the Timer to turn the unit on the following day, press the **TIMER** button <u>once</u>.

The 🕐 indicator disappears in the display.

```
AM   7:30
```

Notes:

• *You may 'reactivate' the Timer again by pressing the **TIMER** button <u>once</u>. The 🕐 indicator will reappear.*

• *To re-program the Timer, <u>press and hold</u> the **TIMER** button until the Hour digits begin flashing. Then repeat the steps 2-10 on pages 39-40.*

• *If the unit turns on to CD function, it will only play until the end of the disc and then stops.*
If your CD is only 45 minutes, the unit will only play for 45 minutes but the power will remain 'On' until turn 'Off' time is reached.

41
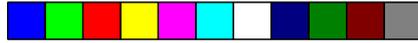
SLEEP Timer (On Remote Control Only)

This system includes a programmable Sleep Timer that allows you to fall asleep to between 10 and 90 minutes of music and then shuts the power 'Off' automatically.

To operate the sleep timer:

1.) Turn the system 'On' and operate either the **TUNER** or **CD** function as usual.

2.) Press the **SLEEP** button on the remote control.

3.) The display will show "**SLEEP 90**" indicating that the sleep timer will shut the power off after 90 minutes.

Continue pressing the **SLEEP** button to decrease the amount of sleep timer operation.

Each time you press the **SLEEP** button you subtract 10 minutes to the sleep timer. The minimum sleep timer operation is **10** minutes.

4.) After a few seconds the Sleep Time display disappears and the normal Tuner or CD display returns.

The small **SLEEP** indicator remains in the display.

When the Sleep Timer counts down to "00", the power shuts off automatically.

Notes:

- *You can shut the unit 'Off' manually before the Sleep Timer counts down to "00" by pressing the **STANDBY/ON** button at any time.*
- *If you are falling asleep to CD, the system will only operate until the CD ends.*
- *If you set the Sleep Timer for 90 minutes but your CD is only 45 minutes long, the music will stop after 45 minutes.*

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Auxiliary Operation

You can listen to an auxiliary audio source connected to the **AUX IN** jacks on the back panel of this unit (refer to page 7 for connection information.)

Press the **FUNCTION** button or **AUX** button on remote control to select the Aux function.

The **AUX** indicator appears in the display.

```
AUX
```

Operate the external device as you would normally.

When you hear the music from your external source adjust the **VOLUME, EQ** and **DBBS** controls of this system as desired.

LINE OUT Jacks

To record from the TUNER or CD player in this unit to an external recording device, connect the **LINE OUT** jacks on the back panel of this unit (refer to page 6) to the audio input, LINE INPUT or RECORDING (REC) input jacks of the external recording device, such as a cassette recorder or mini disc recorder.

Be sure to refer to the instructions for the external recording device, as well.

43
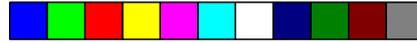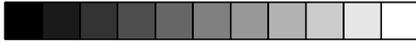
CARE AND MAINTENANCE

Compact Disc Care

- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.
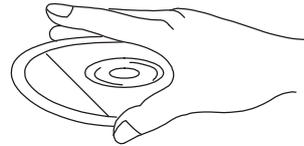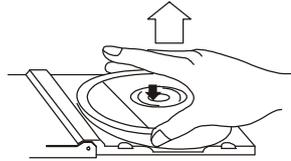
- Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth.Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.
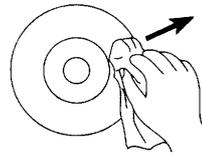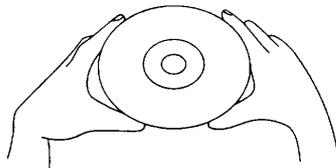
- Clean the disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the disc. If necessary, use a CD cleaning kit.

- Never write on or affix labels to the surface of compact discs.

Care Of The Cabinet

If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax, polish sprays, or abrasive cleaners on the cabinet.

Caution

Never allow any water or other liquids to get inside the unit while cleaning.

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SERVICE
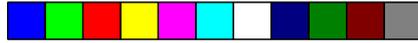
TO FIND THE LOCATION AND PHONE NUMBER OF YOUR NEAREST SERVICE CENTER PERMITTED TO PERFORM WARRANTY...

CALL TOLL FREE: 1-800-695-0098

FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE
PLEASE CALL:
1-800-898-9020

FOR CUSTOMER SERVICE, PLEASE WRITE TO:
Emerson Radio Corp.,
Consumer Affairs Dept.,
5101 Statesman Drive,
Irving, TX 75063.

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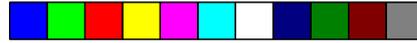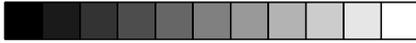
LIMITED WARRANTY

Emerson Radio Corp. warrants manufacturing defects in original material, including original parts and workmanship, under normal use and conditions, for a period of ninety (90) days from the date of original purchase in the U.S. With your dated proof of purchase, we will provide repair service at no charge for labor and parts at an authorized Depot Repair Facility, or replace the product in our discretion. For repair or replacement, pack your unit in a padded box, enclose your check or money order payable to Emerson Radio Corp. in the amount of $9.00 (not required by California residents) to cover shipping and handling costs, and enclose a copy of your proof of purchase. Send your unit to:

Emerson Radio Corp.,

5101 Statesmsn Drive,

Irving, TX 75063.

This warranty does not cover damage from negligence, misuse, abuse, accident, failure to follow operating instructions, commercial use, rental, repairs by an unauthorized facility, or products purchased, used, serviced or damaged outside of the United States.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

AU898M

The serial number of your system is located on a label on the back panel.

Please take a moment now to locate the serial number and write the number in the space provided below. You may be asked to provide this number when calling for product service.

Model Number: ES299

Serial Number:

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